

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6069066").PN.	USPAT; USOCR	OR	OFF	2006/06/25 19:25
L2	9245	(@ad<"19990902") and 257/459, 779,784,786,758-776.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 19:52
L3	48	L2 and ((barrier and seed) with (hole or trench or trenches or opening or cavity or recess or via))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:45
L4	1864	"257"/\$.ccls. and ((barrier and seed) with (hole or trench or trenches or opening or cavity or recess or via))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 19:51
L5	239	L4 and (second near barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:05
L6	243	L4 and ((two or second) near barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 19:51
L7	238	L6 not L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 19:51
L8	233	L7 and ("cu" or copper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 19:52

## EAST Search History

L9	17	L7 and (@ad<"19990902")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:06
L10	358	L4 and (seed near barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:20
L11	47	L10 and (@ad<"19990902")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:12
L12	43	L11 not L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:07
L13	191	257/35,751.ccls. and (seed with barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:18
L14	30	L13 and (@ad<"19990902")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:19
L15	460	438/627,643,653.ccls. and (seed with barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:19
L16	72	L15 and (@ad<"19990902")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 21:04

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L17	456	L15 not L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:19
L18	68	L16 not L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:19
L19	40	L18 and ((layers or second) near barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:21
L20	22	L6 and (@ad<"19990902")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:42
L21	103	logic and (seed same barrier) and (@ad<"19990902")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:44
L22	1	("6093966").PN.	USPAT; USOCR	OR	OFF	2006/06/25 20:42
L23	76	l21 and interconnect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:44
L24	51	L21 and ((barrier and seed) with (hole or trench or trenches or opening or cavity or recess or via))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 21:03
L25	1	("6147404").PN.	USPAT; USOCR	OR	OFF	2006/06/25 20:55

## EAST Search History

L26	27	((("5231053") or ("5231607") or ("5659201") or ("5785236") or ("5918149") or ("5933364") or ("5943285") or ("5956612") or ("5943254") or ("5978623") or ("6285038") or ("6303492") or ("6611037"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 20:57
L27	13	((("5231053") or ("5231607") or ("5659201") or ("5785236") or ("5918149") or ("5933364") or ("5943285") or ("5956612") or ("5943254") or ("5978623") or ("6285038") or ("6303492") or ("6611037"))).PN.	USPAT	OR	OFF	2006/06/25 20:58
L28	2314	(interconnect or connect or connection or interconnection) and ((barrier and seed) with (hole or trench or trenches or opening or cavity or recess or via))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 21:11
L29	267	L28 and (@ad<"19990902")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 21:12
L30	59	L29 and logic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 21:04
L31	68980	L29 adn ((interconnect or connect or connection or interconnection) with logic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 21:07
L32	26	L29 and ((interconnect or connect or connection or interconnection) with logic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 21:07
L33	643	L28 and ((barrier and seed or hole or trench or trenches or opening or cavity or recess or via) with resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 21:11

## EAST Search History

L34	97	L33 and (@ad<"19990902")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/25 21:12
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